

## CLOSENESS CENTRALITY

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Input dataset: Q2 (C:\Users\Sota\Desktop\Questionario fase 1 Sota\Q2\Q2)  
 Method: Geodesic paths only (Freeman Closeness)  
 Output dataset: Q2-clo (C:\Users\Sota\Documents\UCINET data\Q2-clo)

Note: Data not symmetric, therefore separate in-closeness & out-closeness computed.

### Closeness Centrality Measures

		1	2	3	4
		inFarness	outFarness	inCloseness	outCloseness
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6	E1	46.000	138.000	91.304	30.435
15	E10	56.000	179.000	75.000	23.464
9	E4	58.000	85.000	72.414	49.412
8	E3	60.000	80.000	70.000	52.500
12	E7	65.000	93.000	64.615	45.161
16	E11	65.000	82.000	64.615	51.220
3	M3	65.000	113.000	64.615	37.168
11	E6	66.000	61.000	63.636	68.852
1	M1	68.000	108.000	61.765	38.889
24	OT6	69.000	82.000	60.870	51.220
20	OT2	69.000	85.000	60.870	49.412
10	E5	70.000	76.000	60.000	55.263
14	E9	71.000	71.000	59.155	59.155
23	OT5	75.000	82.000	56.000	51.220
22	OT4	75.000	84.000	56.000	50.000
29	A1	76.000	48.000	55.263	87.500
21	OT3	76.000	48.000	55.263	87.500
4	M4	77.000	114.000	54.545	36.842
13	E8	78.000	83.000	53.846	50.602
30	A2	78.000	42.000	53.846	100.000
42	A14	78.000	50.000	53.846	84.000
36	A8	78.000	79.000	53.846	53.165

34	A6	78.000	71.000	53.846	59.155
38	A10	79.000	60.000	53.165	70.000
25	OT7	79.000	75.000	53.165	56.000
40	A12	79.000	62.000	53.165	67.742
37	A9	79.000	48.000	53.165	87.500
31	A3	80.000	42.000	52.500	100.000
2	M2	81.000	137.000	51.852	30.657
35	A7	81.000	50.000	51.852	84.000
33	A5	81.000	57.000	51.852	73.684
41	A13	81.000	61.000	51.852	68.852
32	A4	82.000	43.000	51.220	97.674
39	A11	82.000	48.000	51.220	87.500
7	E2	82.000	46.000	51.220	91.304
27	OT9	84.000	69.000	50.000	60.870
43	A15	86.000	82.000	48.837	51.220
26	OT8	86.000	66.000	48.837	63.636
28	OT10	89.000	72.000	47.191	58.333
18	E13	90.000	72.000	46.667	58.333
5	M5	95.000	96.000	44.211	43.750
17	E12	95.000	73.000	44.211	57.534
19	OT1	99.000	74.000	42.424	56.757

Statistics

		1	2	3	4
		i nFarness	outFarness	i nCl oseness	outCl oseness
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1	Mean	76.442	76.442	56.134	61.337
2	Std Dev	10.478	27.884	8.936	19.386
3	Sum	3287.000	3287.000	2413.763	2637.481
4	Variance	109.782	777.502	79.847	375.833
5	SSQ	255985.000	284697.000	138927.719	177935.375
6	MCSSQ	4720.604	33432.605	3433.435	16160.840
7	Euc Norm	505.950	533.570	372.730	421.824
8	Minimum	46.000	42.000	42.424	23.464
9	Maximum	99.000	179.000	91.304	100.000

10	N of Obs	43.000	43.000	43.000	43.000
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Network in-Centralization = 72.89%

Network out-Centralization = 80.13%

Output actor-by-centrality measure matrix saved as dataset Q2-clo (C:\Users\Sota\Documents\UCINET data\Q2-clo)

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Running time: 00:00:01

Output generated: 16 Set 12 14:10:01

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